

Work Order ID 85195

June-04-12 1:33:10 PM

85195

Page 1

Item ID: D350-721-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Basket Clamp Assembly

Stop

NS2

Start Date: 04/06/2012 **Start Qty:** 1.00

1

Cust Item ID:

Required Date: 18/06/2012 **Req'd Qty:** 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/06/04 Tooling:

Date:

Run Start

NR1

QC:

Date: SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--	----------------------------------	------------------------------	----------------	---------------	----------------------	-----------------------	-----------------------	--------------------------	------------------------

Draw Nbr	Revision Nbr
DSI9486	A
IIN D350-721	B

100

0.00

*5.2.6.2**

100

DC

0.00

Document Control

Memo

Photocopy bluefile & type labels per PPP D350-721-011 / DSI 9486
CHG001

JB

JF MLJ 12-6-26

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

6

12/06/2004

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

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Page 2

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Setup

Start

NS1

Revision ID:

Item Name: Basket Clamp Assembly

Stop

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Start Date: 04/06/2012 **Start Qty:** 1.00

1

Cust Item ID:

Required Date: 18/06/2012 **Req'd Qty:** 1.00

1

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop	*NR2*	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC4- 100% Inspect kits for completeness	0.00 <i>5/2/06/27</i>							

130

130

Packaging

Packaging

Memo

0.00

1x *Sp*
12-6-27

140

140

QC

Quality Control

Memo

0.00

12/6/28 JJ

MF
12-06-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 85195

85195

Parent Item: D350-721-011

D350-721-011

Parent Item Name: Basket Clamp Assembly

Start Date: 04/06/2012

Required Date: 18/06/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2230-1		Manufactured	No			110	Each	130.0000	3	3			

D2230-1

Lug

Location

ST480

130

83273

130

D2230-3

D2230-3

Lug

Manufactured

No

Location

ST480

Loc Qty

90

Loc Code

83273

83261

90

110

Each

90.0000

**

84133

J3

D2732

D2732

Rubber Extrusion

Manufactured

No

Location

ST410

Loc Qty

520.915299

Loc Code

70987

83560

20.915299

500

70987

(D2732-030) cut qty(8) at 3.00" as per dwg and
inspect ***per kit***

12/06/26

→ needed
07/06/12

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

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Page 2

Work Order ID: 85195

85195

Parent Item: D350-721-011

D350-721-011

Parent Item Name: Basket Clamp Assembly

Start Date: 04/06/2012

Required Date: 18/06/2012

Start Qty: 1.00

Required Qty: 1.00

AN4-15A

Purchased

No

110

Each

527.0000

8 8

**

JB

AN4-15A

Bolt

Location	Loc Qty	Loc Code
----------	---------	----------

358	100	
121652	100	
GA	100	
120449	100	
ST358	327	
118706	3	
120422	24	
121444	100	
121541	200	

AN960JD416

NAS1149D0463J Purchased

No

110

Each

30.0000

121541
16 16

**

121912 JB

Washer

Location	Loc Qty	Loc Code
----------	---------	----------

ST351	30	
116289	10	
119097	20	

MS21042L4

Purchased

No

110

Each

3,904.000

8 8

**

JB 12/06/26

Nut

Location	Loc Qty	Loc Code
----------	---------	----------

ST300	3904	
119075	116	
121011	531	
121444	2957	
121652	300	

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-721 REV. A
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-721 REV. 1

REF CANADIAN STC: SH93-1
FAA STC: SR00600NY
EASA STC: EASA.IM.R.S.01442

INTRODUCTION

THE PURPOSE OF THIS DSI (DART SERVICE INSTRUCTION) IS TO INTRODUCE THE NEW D350-721-011 HELI-UTILITY-BASKET CLAMP KITS. THIS KIT CAN BE INSTALLED PERMANENTLY ON EACH SIDE OF AN AIRCRAFT OR ON MULTIPLE AIRCRAFT FOR QUICK TRANSFER OF A D350-721-XXX HELI-UTILITY-BASKET FROM ONE AIRCRAFT TO ANOTHER OR FROM ONE SIDE TO THE OTHER.

INSTALLATION

INSTALL THE D350-721-011 BASKET CLAMP KIT PER SECTION 3 OF INSTALLATION INSTRUCTIONS IIN-D350-721 REV. A AND DSI 9485 REV. A.

WEIGHT AND BALANCE

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-721-011 BASKET CLAMP KIT	1.6 lb 0.73 kg	+/- 36.6 in +/- 0.9 m	+/- 58.6 in-lb +/- 0.66 m-kg	135 in 3.43 m	216.0 in-lb 2.50 m-kg

THIS WEIGHT AND BALANCE INFORMATION IS FOR EACH ADDITIONAL CLAMP KIT ONLY. REFER TO INSTALLATION INSTRUCTIONS IIN-D350-721 REV. A FOR THE WEIGHT AND BALANCE INFORMATION RELATED TO THE INSTALLATION OF HELI-UTILITY-BASKETS.

MAINTENANCE

MAINTAIN THE D350-721-011 BASKET CLAMP KIT PER INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-721 REV. 1.

PARTS LIST

ITEM	QTY -011	PART NUMBER	DESCRIPTION
	X	D350-721-011	BASKET CLAMP KIT
1	3	D2230-1	LUG
2	4	D2230-3	CLAMP
3	8	D2732-030	RUBBER CUSHION
4	1	D3338-1	LUG
11	8	AN4-15A	BOLT
12	16	AN960JD416	WASHER (OR NAS1149D0463J)
13	8	MS21042L4	NUT (OR MS21042-4)

UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. DS 195 M U
12/06/04

RETURN TO
ENGINEERING

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	09.10.06
CERT. NO.:	SH93-1
ISSUE NO.:	6

A	NEW ISSUE		AJS	09.10.06
REV.	DESCRIPTION		BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	AJS			
CHECKED	A	DRAWING NO.		REV. A
MFG. APPR.	N/A	DSI 9486		SHEET 1 OF 1
APPROVED	NP	TITLE		SCALE
DE APPR.	II	BASKET CLAMP KIT		NTS
DATE	09.10.06		COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

6.0 PARTS LIST

Qty -011	Qty -041	Qty -043	Qty -045	Qty -046	PART NUMBER	DESCRIPTION
X					D350-721-011	BASKET CLAMP KIT
	X				D350-721-041	LIGHTWEIGHT HELI-UTILITY-BASKET™
		X			D350-721-043	LIGHTWEIGHT HELI-UTILITY-BASKET™, SHORT VERSION
			X		D350-721-045	MAINTENANCE STEP, LH
				X	D350-721-046	MAINTENANCE STEP, RH
	1				D3324-041	BASKET BASE ASSEMBLY
	1				D3325-041	BASKET LID ASSEMBLY
		1			D3326-041	BASKET BASE ASSEMBLY
		1			D3327-041	BASKET LID ASSEMBLY
	2	2			D2022-101	SPACER
3	3	3			D2230-1	LUG
4	4	4			D2230-3	CLAMP
	1	1			D2332-041	PROP ASSEMBLY
	1	1			D2530	HANDLE ASSEMBLY
	2	2			D2535	SPRING
	2	2			D2537	BUSHING
8	8	8			D2732-030	RUBBER CUSHION
	2	2			D2931	BUMPER
	1	1			D3338-1	LUG
	2	2			D3350-041	STRUT
	1	1			D3351-1	LABEL
			1	1	D3436-041	CLAMP
			1		D3436-043	LH STEP
			1		D3436-044	RH STEP
	2	2			AN3-16A	BOLT
	2	2			AN4-7A	BOLT
	2	2			AN4-12A	BOLT
	4	4			AN4-14A	BOLT
8	8	8			AN4-15A	BOLT
			4	4	AN4-16A	BOLT
	1	1			AN4-20A	BOLT
	1	1			AN4-22A	BOLT
	4	4			AN5-17A	BOLT
			8	8	AN960-416	WASHER
16	30	30			AN960JD416	WASHER
	2	2			AN960JD416L	WASHER
	4	4			AN960JD516	WASHER
	2	2			AN960JD8	WASHER
	4	4			AN970-4	WASHER
			4	4	MS20365-428	NUT
	2	2			MS20600AD4W3	RIVET
	2	2			MS21042L3	NUT (OR MS21042-3)
8	18	18			MS21042L4	NUT (OR MS21042-4)
	4	4			MS21042L5	NUT (OR MS21042-5)